



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200  
Fax 613 632-5246

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO040847	MEC002-VU	1	1	Net 30	M4130NS.049	4130 Sheet 049 : MATERIAL: AISI 4130N STEEL SHEET AS PER OR AS PER AMS 6345 MIL-S- 18729 OR AMS 6350 OR AMS 6351 receive sf				36	9/18/2018	36		S112798	Stock	9/21/2018	\$ 13.95 / sf	3		\$502.20	Metaux Castle
<b>Total:</b>										<b>36</b>		<b>36</b>								<b>\$502.20</b>	

Plex 9/24/2018 9:14 AM dart.Tollis.Andrew



**DART**  
AEROSPACE

Tel (613) 632-5200

HA

1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

Ship To:

Via: \_\_\_\_\_  
Pymt Terms: \_\_\_\_\_  
Net 30 \_\_\_\_\_  
Ground \_\_\_\_\_

Special Comments:

E-MAILED  
 AUG 27 2018

Grand Total: \$502.20

## Procurement Quality Clauses

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 part notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dardaerospace.com](http://www.dardaerospace.com) for further explanation.

Plex 8/27/18 7:56 AM dart.lavoie.chantal

Chantal Lavoie

**From:** Desbiens, Marc <mdesbien@amcastle.com>  
**Sent:** Friday, August 24, 2018 2:09 PM  
**To:** Chantal Lavoie  
**Subject:** RE: quote

Hi Chantal,

price an delivery on mat'l.

4130N sheet .049" x 1 sheet

We offer .050" x 36" x 144"

\$ 13.95 sq ft 3 weeks

Thanks

Marc Desbiens  
Inside sales representative  
Castle Metals, Montreal, QC  
Direct line 514-795-8176  
1-800-806-6660 ext 52226  
Fax # 1-855-892-6370  
*Customized Supply Chain Solutions for Your Metal Needs*


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INTERORG TRANSFER  
PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No:3689494

<b>Ship From:</b> A. M. CASTLE & CO. 14001 ORANGE AVENUE PARAMOUNT, CA 90723 USA		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		<b>Ship To:</b> A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
<b>Date Shipped</b> 30-AUG-18	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid		<b>Carrier</b> ARCBEST		<b>BOL No</b> 3689494-2	
<b>Shipment Details</b>							
<b>Order No</b> 5241824	<b>Line No</b> 1	<b>Item No</b> 36371	<b>Description</b> 0.0500.SH.E4130.ALLOY.CR.NORM OR OHT.AMS 6345.36.0000.144.0000 SPECIFICATIONS: AMS 6345				
<b>Purchase Order No</b> 40847			<b>Part Number</b>		<b>Ordered Qty</b> 1.00 PCS		
<b>Details</b>			<b>Invoice Qty</b> 36.0000 SFT				
ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS							
<b>Delivery No.</b> 122128131	<b>Mill/Source</b> BLAIR STRIP STEEL	<b>Heat Number</b>  1B44822	<b>Mech Id</b>	<b>PCS</b> 1	<b>Width (IN)</b> 36.0000	<b>Length (IN)</b> 144.0000	<b>Shipped Qty(LBS)</b> 73.4400

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be resubmitted for credit.

Reviewed by Authorized Castle Metals Representative:

Date Printed: 30-AUG-2018 04:15:16 PM      Date:      Name: 



# BLAIR STRIP STEEL COMPANY

P.O. Box 7159 1209 Butler Avenue New Castle, PA USA 16107  
Phone: (724) 658-2611 Fax: (724) 658-6548 www.BlairStripSteel.com

## PRODUCT CERTIFICATION

WORK ORDER  
405404

HEAT NUMBER  
**B44822**

SALES ORDER  
006165

CERT ID  
00022044

SOLD TO

A.M. Castle & Co.  
14001 Orange Avenue  
Paramount, CA 90723  
USA  
Attn: AM Castle

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	COILS	LADING NO	SHIPMENT DATE					
457299	36371	18,100 Lbs	5	00026402						
PRODUCT DESCRIPTION		BLAIR PART NBR	F4130-.050x36.000-03							
Aircraft Quality 4130 .0500 x 36.000 x 144.0										
Customer Grade: AMC - 4130AQ 6345 Spec: AMC G41300-53 AMS 6345D Normalized or Otherwise Heat Treated (Successor to AMS/MIL-S-18729C) AMS 2301K AMS 2252D SAE J404 ASTM A505/506 ASTM E112 "Melted & Manufactured in the USA" Gauge Tol: + .0030 - .0030 Width Tol: + 0.1875 - 0.0 Length Tol: + 1.0 - 0.0 Slit Edge / #2 Finish / Oil Hardness HRB: 0 / 0 Max Package Wt: 4500 Package Type: Lift + Paper Wrap										
CERTIFICATION REQUIREMENTS										
Chemical										
C	Mn	P	S	Si	Al	Cu	Ni	Cr	Mo	Sn
.31	.52	.009	.001	.18	.033	.04	.03	.90	.16	.003
V	Nb	B	Ti	Ca	N					
.003	0	.0001	.004	.0016	.0082					
Mechanical										
TEST	RESULT									
Raw Material Source	Arcelor - Riverdale, IL USA									
TEST	UNITS	Result								
Yield (PSI)	PSI	117060								



I certify that the results are a true and correct copy of the records prepared and maintained by Blair Strip Steel in compliance with the requirements of the cited specifications. Chemistry is as reported by the producing mill. This test report cannot be reproduced or distributed except in full.

*D.H. Emanuele*  
**Daniel H. Emanuele**  
Director, Corporate Quality





DESIGN BRADLEY	DRAWN BY BRADLEY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. M4130N-S	REV. A SHEET 1 of 1
DATE 01.05.17		TITLE 4130 SHEET SPEC. SCALE 1:1	

PURCHASE - AISI 4130N STEEL SHEET  
PER ONE THE FOLLOWING  
SPEC'S : MIL-B-18729, AMS6350  
OR AMS 6351

[illegible]

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4130NS.044  
 DATE: 18/04/24

PO / BATCH NO.: P0040847 / S112788

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 36sf  
 QUANTITY INSPECTED: 36sf  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.049"  
 THICKNESS RECEIVED: 0.050"  
 SHEET SIZE ORDERED: 24' x 36sf  
 SHEET SIZE RECEIVED: 24' x 3' (36sf)

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	AMS 6345 OK 12/4/24
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	MT: B44822
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: <u>[Signature]</u>		
DATE: <u>18/04/24</u>	DATE: <u>18/4/24</u>		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in